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Rawhide Road Crossing Woods Creek Bridge Replacement Project, Bridge No. 32C0044

Project No. 1331
Federal Project No. BRLS-5932(039)

Description

Tuolumne County proposes to construct a new concrete bridge with two through lanes and a left turn lane east (upstream) of the existing single lane bridge located on Rawhide Road crossing Woods Creek in Jamestown, CA designated as Bridge No. 32C0044.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge over Woods Creek on Rawhide Road. The current single lane bridge, has a sufficiency rating of 53 which is eligible for rehabilitation, but due to its poor geometrics (single lane bridge) it is functionally obsolete and qualifies for replacement.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division and bring it to current design standards.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and Traffic Impact Mitigation Fees (TIMF-6141)

Total Project Cost: \$6,878,063

Current Phase

This project currently completing environmental studies in preparation for final design.

Anticipated Year of Construction: June 2018

Project Contact

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Draper Mine Road crossing Curtis Creek Bridge Replacement Project, Bridge No. 32C0028

Project No. 1333

Federal Project No. BRLO-5932(038)

Description

The proposed project consists of removal of the existing bridge, designated as Bridge 32C0028, and construction of a new bridge. Draper Mine Road will be realigned, eliminating the dangerous "S" curve in the existing road. The new alignment will be slightly northeast of the existing alignment and extend for approximately 400' on either side of the new bridge. The proposed bridge will be a precast voided concrete slab bridge on continuous footings.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Draper Mine Road crossing Curtis Creek. The existing structure is a single span I-beam steel girder bridge with concrete abutments, and railing does not meet current acceptable standards. The existing bridge, constructed in 1937, has a sufficiency rating of 26.3 and is considered structurally deficient. This rating qualifies the bridge for replacement under the Highway Bridge Program (HBP).

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division and bring it up to current design standards.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) - \$2,965,216, Partial California Toll Credits - \$342,400 and Local funds - \$93,100

Total Project Cost: \$3,430,716

Current Phase

This project is currently in the preliminary engineering phase. Staff and their consultants are currently working on Environmental Studies, Survey and Preliminary Design.

Anticipated Year of Construction: April 2017

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Algerine-Wards Ferry Road crossing Blanket Creek Bridge Replacement Project, Bridge No. 32C0042

Project No. 1571

Federal Project No. BRLO-5932(064)

Description

The proposed project is to replace the existing bridge with a one span, reinforced concrete slab. The bridge is designated as 32C0042.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Algerine-Wards Ferry crossing Blanket Creek. The bridge was built in 1936 and consists of one span, steel and reinforced concrete girders on concrete abutments. This bridge is eligible for replacement due to the weakening of the reinforced concrete girders and efflorescence in the girder and abutments. The bridge also has a scour of 3 and is on the County's Plan of Action (POA) for scour critical bridges to be replaced.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - \$2,174,420 (100%)

Total Project Cost: \$2,174,420

Current Phase

This project is currently in the preliminary engineering phase. Environmental studies are under way and preliminary design has begun.

Anticipated Year of Construction: April 2016

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Lime Kiln Road crossing Curtis Creek Bridge Replacement Project, Bridge No. 32C0016

Project No. 1627

Federal Project No. BRLO-5932(067)

Description

The proposed project is to replace the existing one lane concrete t-beam bridge with a two lane concrete bridge and realign Lime Kiln Road. The bridge is designated as 32C0016.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Lime Kiln Road crossing Curtis Creek. The existing single lane bridge, built in 1922, has a sufficiency rating of 65.7 and is structural deficient. This rating qualifies the bridge for replacement under the Highway Bridge Program (HBP).

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - \$3,363,395 (100%)

Total Project Cost: \$3,463,395

Current Phase

This project is currently in the preliminary engineering phase. Preliminary design and environmental studies have begun.

Anticipated Year of Construction: April 2017

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Old Wards Ferry Road crossing Curtis Creek Bridge Replacement Project, Bridge No. 32C0017

Project No. 1655
Federal Project No. TBD

Description

The proposed project is to replace the existing one lane bridge with a cast-in-place, prestressed concrete slab bridge. The bridge is designated as 32C0017.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Old Wards Ferry Road crossing Curtis Creek. The existing bridge was built in 1914 and consists of an earth filled reinforced concrete arch. This bridge has sufficiency rating of 65.4 and is considered functionally obsolete.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - \$1,621,120 (100%)

Total Project Cost: \$1,621,120

Current Phase

This project has been programed into the Federal Transportation Improvement Program (FTIP), but has not been authorized to begin Preliminary Engineering phase.

Anticipated Year of Construction: April 2020

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**Italian Bar Road crossing Rose Creek Bridge Replacement
Project, Bridge No. 32C0037**

Project No. 1628
Federal Project No. BRLO-5932(073)

Description

The proposed project is to replace County bridge #32C0037, an existing concrete two span bridge, with a new concrete single span bridge.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Italian Bar Road crossing Rose Creek. The bridge was built in 1925 and has deficiencies in the concrete deck and superstructure, showing signs of efflorescence. The structure is considered structurally deficient because its load ratings are less than the legal limit. Therefore, it qualifies for replacement.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - \$2,058,500 (100%)

Total Project Cost: \$2,058,500

Current Phase

This project is currently in the preliminary engineering phase. Preliminary design is complete, and environmental studies have begun in Spring 2015.

Anticipated Year of Construction: April 2017

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Big Creek Shaft Road crossing Big Creek Bridge Replacement Project, Bridge No. 32C0066

Project No. 1629

Federal Project No. BRLO-5932(074)

Description

The proposed project is to replace the existing bridge and realign the roadway to eliminate the ninety degree turns on both approaches. The bridge is designated as 32C0066.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Big Creek Shaft Road crossing Big Creek. The bridge, built in 1960, consists of an old steel railroad car frame with wood decking above. The structure is considered structurally deficient because its load ratings are less than the legal limit. Therefore, it qualifies for replacement.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - \$2,200,976 (100%)

Total Project Cost: \$2,200,976

Current Phase

This project is currently in the preliminary engineering phase.

Anticipated Year of Construction: April 2017

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Mono Way Operational & Safety Project

Project No. 1657
Federal Project No. RPL-5932(076)

Description

A segment of State Route 108 (Mono Way) from Peaceful Oak Road to Via Este has been bypassed as a result of the East Sonora Bypass Stage II (ESBII) project. This segment has been relinquished to the County of Tuolumne and is now maintained by the county.

Purpose and Need

The current roadway geometry of Mono Way does not meet County standards for its classification of major collector. Improvements are needed to widen the roadway shoulders to accommodate pedestrian and bicycle traffic, improve deficient drainage, realign a skewed intersection and install left-turn pockets at that intersection. The intersection realignment and left turn pockets are warranted by accident data.

Strategic Plan Goals

Relinquishment Agreement (10-313) between the State of California and the County of Tuolumne

Funding Sources

Regional Improvement Program (RIP) - Federal Statewide Transportation Improvement Program (STIP)

Total Project Cost: \$1,860,000

Current Phase

The project is currently in the preliminary engineering phase. The Board of Supervisors awarded the topographic surveying and design work to NV5 on December 2, 2014.

Anticipated Year of Construction: April 2018

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Signalization of Tuolumne Road at Standard Road

Project No. 1633
Federal Project No. N/A

Description

The project consists of installing traffic signals at the intersection of Tuolumne Road and Standard Road, constructing a left-turn lane and dedicated right-turn lane on Standard Road for the westbound traffic and eastbound traffic on Tuolumne Road respectively, constructing pedestrian improvements, installing striping and signage, and constructing drainage improvements, including a culvert under Standard Road, to capture runoff and direct it into the existing drainage system.

Purpose and Need

The current conditions of the intersection warrant a signal. These improvements will improve safety and reduce the number of accidents.

Strategic Plan Goals

County Capital Improvement Plan 2012-2016.

Funding Sources

Traffic Impact Mitigation Fees - \$100,000, Tribal Mitigation Fees - \$1,096,000 and TCTC Prop 1B (\$50,000)

Total Project Cost: \$1,246,000

Current Phase

Final Design is commencing and construction is anticipated in late Spring 2015.

Anticipated Year of Construction: May 2016

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Jacksonville Road crossing Tuolumne River Bridge Rehabilitation Project, Bridge No. 32C057

Project No. 1675
Federal Project No. BRLS-5932(078)

Description

The proposed project is to rehabilitate the existing bridge. A consultant that specializes in bridge rehabilitation has been retained to inspect the bridge and make a treatment recommendation. The bridge is designated as 32C0057.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Jacksonville Road crossing the Tuolumne River. The bridge was built in 1970 and consists of nine spans, a steel stringer with concrete deck on concrete piers and abutments all on spread footings. The existing bridge has sufficiency rating of 60.3 and is considered structurally deficient.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) - \$643,231 (88.53%) and Local funds - \$83,338 (11.47%)

Total Project Cost: \$726,570

Current Phase

This project is currently in the preliminary engineering phase.

Anticipated Year of Construction: July 2016

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Retrofit Regulatory and Warning Signs

Project No. 1621
Federal Project No. HSIPL-5932(066)

Description

The proposed project involves retrofitting regulatory and warning signs to meet new federal regulations on minimum reflectivity requirements that have been imposed by FHWA via the California Manual on Uniform Traffic Control Devices (MUTCD), effective November 7, 2014, and the Traffic Operations Policy Directive 14-02 Revision 1 from December 11, 2014.

Purpose and Need

The purpose of this project is to provide the public safe travel and reduce accidents by retrofitting the reflectivity of existing signage. The improved visibility of the regulatory and warning signs will assist drivers in seeing signs and making better driving decisions while traveling in our County's mountainous terrain.

Strategic Plan Goals

Implement a County Sign Management Plan in compliance with federal mandated reflectivity standards by January 2015.

Funding Sources

Federal Highway Administration (FHWA), Highway Safety Improvement Program (HSIP) - \$359,052 (90%) and State Matching Regional Surface Transportation Program (RSTP) - \$39,895 (10%)

Total Project Cost: \$398,947

Current Phase

This project is currently in the construction phase. Based on recent mandatory reflectivity requirements issued by Caltrans in November 2014 the County has requested more funds to be allocated to be in compliance.

Anticipated Year of Construction: October 2015

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Jamestown Sidewalks Project

Project No. 1572
Federal Project No. RSTPLE-5932(052)

Description

Construct sidewalks in the community of Jamestown from Main Street along Willow Street, Seco Street and Ninth Street to provide continuous curb, gutter and sidewalk. The project also includes improving two bus stops with turnouts, shelters and lighted crosswalks.

Purpose and Need

The purpose of this project is to provide safe pedestrian passage between Main Street and Jamestown Elementary and between Main Street and Railtown State Park. This project will close gaps in the existing sidewalk and create a safe and continuous pedestrian travel path.

Strategic Plan Goals

Jamestown Community Plan
Regional Transportation Plan

Funding Sources

Local Transportation Funds (LTF) - \$91,000, Regional Surface Transportation Program Transportation Enhancements (RSTP TE) Exchange - \$139,446, State Transportation Improvement Program Transportation Enhancements (STIP-TE) - \$911,000, Proposition 1B Public Transportation Modernization, Improvement, and Service Enhancement Account (PTMISEA) - \$40,000, and other funding - \$24,527.

Total Project Cost: \$1,165,973

Current Phase

The Board of Supervisors awarded the construction contract to Taylor Backhoe Service, Inc. on December 2, 2014. Construction commenced in March 2015. The project is now substantially complete.

Anticipated Year of Construction: March 2015

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Signalization at 5th Avenue and State Route 108

Project No. 1650
Federal Project No. N/A

Description

This project will consist of signalizing the intersection of State Route 108/49 and 5th Avenue, adding turn lanes on 5th Avenue in the northbound and southbound directions at the intersection, modifying the existing Jamestown Road/SR 108/49 intersection by restricting access to the highway from southbound Jamestown Road, widening SR 108/49 for a right turn pocket, constructing a cul-de-sac at the south end of Jamestown Road, and creating a "right in only" access from westbound SR 108/49 to Jamestown Road.

Purpose and Need

The purpose of this project is to improve safety and reduce the number of accidents at the intersection. Based on the March 2012 *Traffic Operations Report* a signal is needed at this intersection.

Strategic Plan Goals

Warranted per *Traffic Operations Report* dated March 2012 per Rawhide Rd crossing Woods Creek Bridge Project.

Funding Sources

Traffic Mitigation Impact Fees (TMIF)

Total Project Cost: \$2,273,000

Current Phase

A Notice of Intent for the Initial Study (IS) for a Mitigated Negative Declaration (MND) is scheduled to be released in the month of October 2015.

Anticipated Year of Construction: March 2016

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Yankee Hill Road/Jackson Street Reconstruction

Project No. 1661
Federal Project No. N/A

Description

The project consists of reconstructing the existing road surface by utilizing cold foam in-place recycling to a depth of 3 inches with a Chip Seal. The work is from Broadway (Parrotts Ferry) to 800 feet past Columbia Vista Drive (approximately 0.74 miles). If any remaining funds are available the work will continue from the 800 feet past Columbia Vista Drive to Sawmill Flat Road (approximately 0.68 miles). Preparatory work of clearing, digouts and crack sealing has been performed by County maintenance crews.

Purpose and Need

The current Pavement Condition Index (PCI) of the County is 36. A goal of the Board of Supervisors is to improve the transportation infrastructure by facilitating a Pavement Management Program.

Strategic Plan Goals

2014-2015 Road Reconstruction List and Pavement Management Program (PMP)

Funding Sources

Mitigation for Columbia Vista Estates (6125) - \$59,950 and Regional Surface Transportation Program (RSTP) Exchange Funds - \$147,250

Total Project Cost: \$207,200

Current Phase

Preliminary engineering has been completed.

Anticipated Year of Construction: TBD

Project Contact

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2013 Bridge Preventative Maintenance Program (BPMP) - 10 Bridges

Project No. 1674

Federal Project No. BPMP-5932(077)

Description

Bridge Preventative Maintenance Plan (BPMP) was developed for 10 bridges in Tuolumne County. The program concentrates on the preservation of bridges before rehabilitation or replacement becomes necessary. This BPMP will primarily focus on deck preservation and treatments, but will also include roadway approach leveling and repairs, joint seal replacement, and erosion countermeasures. The ten (10) bridges included are a lump sum project within the Highway Bridge Program.

Purpose and Need

Preventative maintenance should be performed at the optimal time or specified intervals to help preserve the structural condition of bridges or to extend the service life of bridges. Preventative maintenance treatments include reducing the amount of water infiltrating the bridge, protecting the bridge elements, slowing the rate of deterioration, and the installation or repair of scour countermeasure.

Strategic Plan Goals

Preserve County bridges and prevent bridges from placement on the Eligible Bridge List (EBL).

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) - \$891,273 (88.53%) and Local funds - \$115,474 (11.47%)

Total Project Cost: \$1,006,747

Current Phase

This project is currently in the preliminary engineering phase.

Anticipated Year of Construction: April 2017

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Rule 20A Projects

Project No. TBD
Federal Project No. N/A

Description

Underground the current overhead utilities in Tuolumne County. The Tuolumne Townsite and Jamestown Walkway Project were identified as areas of top priority by the Board of Supervisors, and Mono Way and Fir as a third priority.

Purpose and Need

The Rule 20A program is intended to help communities convert portions of their existing electric utility lines from the traditional overhead lines to underground lines. Underground utilities enhance aesthetics, improve public safety, and provide more reliable service.

Strategic Plan Goals

Rule 20A Utility Program

Funding Sources

Rule 20A - \$2.6 Million to Tuolumne Townsite and \$3.7 million to Jamestown.

Total Project Cost: \$6,300,000

Current Phase

PG&E is scheduled to administer this project.

Anticipated Year of Construction: TBD

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Algerine Road Crossing Algerine Creek Bridge Replacement Project, Bridge No. 32C0073

Project No. TBD
Federal Project No. TBD

Description

The proposed project is to rehabilitate the existing bridge by widening the bridge and constructing new railing to meet current standards.

Purpose and Need

The purpose of this project is to provide the public a safe way of travel on the bridge located on Algerine Road crossing Algerine Creek. The existing bridge was built in 1940 and consists of a concrete slab on concrete abutments with spread footings. This bridge has a sufficiency rating of 51 and is considered functionally obsolete.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - \$944,350 (100%)

Total Project Cost: \$944,350

Current Phase

Preliminary engineering for this project will begin in 2016.

Anticipated Year of Construction: April 2020

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Lime Kiln Road Crossing Sullivan Creek Bridge Replacement Project, Bridge No. 32C0011

Project No. TBD
Federal Project No. TBD

Description

The proposed project is to replace the existing bridge and realign Lime Kiln Road to eliminate the tight "U"-curve in the road alignment, making it a more direct approach.

Purpose and Need

The existing reinforced concrete bridge was built in 1973 to replace the damaged steel truss bridge that had been built in 1906. The "new" bridge was built, in part, on existing piers and abutments. The bridge has a sufficiency rating of 76.6 and is considered functionally obsolete.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - \$2,895,000 (100%)

Total Project Cost: \$2,895,000

Current Phase

Preliminary engineering for this project will begin in 2017.

Anticipated Year of Construction: April 2021

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Intersection Improvements to Parrotts Ferry Rd and SR 49

Project No. 1679
Federal Project No. HSIPL-5932(083)

Description

Widening the roadway to accommodate a right turn lane on State Route 49, eliminating the free right turn lane from State Route 49 to Parrotts Ferry Road, and constructing a northbound left turn lane on Parrotts Ferry Road at Union Hill Road.

Purpose and Need

The connection of Parrotts Ferry Road to Highway 49 evolved from a wagon road in 1850 into the asphalt road that it is today. Parrotts Ferry Road also serves as the primary access route to Columbia State Historic Park, a significant tourist attraction.

According to the Transportation Injury Mapping System (TIMS) Statewide Integrated Traffic Records System (SWITRS) database and The County of Tuolumne GIS system this location had collisions that resulted in fatalities and/or serious injuries.

The County of Tuolumne is hoping to reduce the number and severity of accidents by improving the intersection of Parrotts Ferry Road and State Route 49, which will control traffic on a horizontal and vertical curve that has limited site distance.

Strategic Plan Goals

Traffic Safety Improvement

Funding Sources

Federal Highway Administration (FHWA), Highway Safety Improvement Program (HSIP) - \$509,209 (90%) and Local funds - \$56,580 (10%)

Total Project Cost: \$653,800

Current Phase

Environmental Studies are to commence spring 2015.

Anticipated Year of Construction: TBD

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Roadway Improvements on Tuolumne Rd. between Lambert Lake Rd. and Terrace Dr.

Project No. 1685
Federal Project No. HSIPL-5932(081)

Description

The roadway cross section will be widened and realigned to improve sight distance and create a continuous left turn lane. The project will also include rehabilitation or replacement of drainage features on Tuolumne Road and installation of shoulders. Work will be on Tuolumne Road from Terrace Drive to Lambert Lake Road (0.53 miles).

Purpose and Need

Tuolumne Road is the gateway to Tuolumne area established in the 1850's. It was the largest area lumber industry. Tuolumne Road started out as a small wagon route and has evolved into a major collector through development including residential, commercial, and industry.

According to the Transportation Injury Mapping System (TIMS) Statewide Integrated Traffic Records System (SWITRS) database and The County of Tuolumne GIS system for all county roadways identified collisions that resulted in fatalities and/or serious injuries.

The County of Tuolumne is hoping to reduce the number and severity of accidents by installing a two-way left-turn lane and paved shoulders along Tuolumne Road between the intersection of Terrace Drive and Lambert Lake Road which is expected to improve traffic safety on a horizontal and vertical curve that has limited sight distance.

Strategic Plan Goals

Traffic Safety Improvements

Funding Sources

Federal Highway Administration (FHWA), Highway Safety Improvement Program (HSIP)

Total Project Cost: \$723,000

Current Phase

The project is currently in the preliminary engineering phase. The Board of Supervisors has awarded the topographic mapping and design to Wood Rodgers, Inc. on January 20, 2015. The County is using the Expedited Project Selection Procedures (EPSP) which authorizes the funds to be released in fiscal year 14/15 in order to meet the County's obligation for the project delivery based on the HSIP guidelines. Construction will most likely use the EPSP method and be subject to an earlier date than anticipated.

Anticipated Year of Construction: October 2018

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Roadway Improvements on Phoenix Lake Road from Ridgewood to Paseo de Los Portales Rd.

Project No. 1684

Federal Project No. HSIPL-5932(082)

Description

The roadway cross section will be widened and realigned to improve sight distance. The project will also include rehabilitation or replacement of drainage features on Phoenix Lake Road and installation of shoulders.

Purpose and Need

Phoenix Lake Road is the main route and only route to a large number of residential areas along its corridor. Its sharp curves and mountainous terrain is a stressful environment for drivers.

According to the Transportation Injury Mapping System (TIMS) Statewide Integrated Traffic Records System (SWITRS) database and The County of Tuolumne GIS system this location had collisions that resulted in fatalities and/or serious injuries.

The County of Tuolumne is hoping to reduce the number and severity of accidents by correcting the vertical and horizontal alignment of Phoenix Lake Road and installing a paved shoulders along Phoenix Lake Road between the intersection of Ridgewood Drive and Paseo De Los Portales Road, which is expected to improve traffic safety on the horizontal and vertical curves that have limited sight distance.

Strategic Plan Goals

Traffic Safety Improvements

Funding Sources

Federal Highway Administration (FHWA), Highway Safety Improvement Program (HSIP) - \$576,900 (90%) and Local funds - \$64,100 (10%)

Total Project Cost: \$641,000

Current Phase

The project is currently in the preliminary engineering phase. The Board of Supervisors has awarded the topographic mapping and design to Wood Rodgers, Inc. on January 20, 2015. The County is using the Expedited Project Selection Procedures (EPSP) which authorizes the funds to be released in fiscal year 14/15 in order to meet the County's obligation for the project delivery based on the HSIP guidelines. Construction will most likely use the EPSP method and be subject to an earlier date than anticipated.

Anticipated Year of Construction: October 2018

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**Hardin Flat Road crossing South Fork of Tuolumne River,
Bridge No. 32C0053**

Project No. 1673

Federal Project No. BRLO-5932(079)

Description

Replace wooden post and beam bridge with a concrete box girder bridge located on Hardin Flat Road crossing the South Fork of the Tuolumne River. The abutment and stringers of the existing bridge suffered burn damage during the RIM Fire.

Purpose and Need

The RIM Fire began on August 17, 2013 and burned 257,314 acres until full containment was reached on October 24, 2013. Structural damage to the bridge was part of the extreme devastation from the RIM Fire on Hardin Flat Road.

Strategic Plan Goals

Remove bridge from the Eligible Bridge List (EBL) within California Department of Transportation (Caltrans), Structure Maintenance and Investigations Division.

Funding Sources

Federal Highway Administration (FHWA), Highway Bridge Program (HBP) and California Toll Credits - \$1,665,000 (100%)

Total Project Cost: \$2,238,689

Current Phase

This project is currently in the preliminary engineering phase. Preliminary Design and environmental studies began in Spring 2014.

Anticipated Year of Construction: April 2016

Project Contact

Dave Ruby
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370

Tuolumne Park and Ride Facility Project

Project No. 1681
Federal Project No. CML-5932(084)

Description

The Tuolumne Park and Ride Facility Project will develop the existing Tuolumne Parks and Recreation District (TPRD) gravel lot into a paved parking lot with 70 striped parking spaces and improved lighting and drainage. The new parking lot will serve as a park-and-ride facility for users of the nearby bus stop, as well as serving the users of the Tuolumne Park and Recreation District facilities and the nearby trail network.

Purpose and Need

A bus stop on the southeast corner of Memorial Park has already been constructed as part of the Westside Depot Park Revitalization Project. The Tuolumne Park and Ride Facility Project will compliment the bus stop improvements, and encourage the use of public transit. The park-and-ride facility will also serve as a parking area for users of the Tuolumne Park and Recreation District facilities and nearby trails network. This project will reduce emissions and congestion by encouraging public transit use and carpooling.

Strategic Plan Goals

The development of the Tuolumne Park and Ride Facility was first proposed in 2010 as a component of the larger Westside Depot Park Revitalization Project.

Funding Sources

Congestion Mitigation and Air Quality Improvement (CMAQ) and California Toll Credits.

Total Project Cost: \$319,000

Current Phase

This project is currently in the preliminary engineering stage.

Anticipated Year of Construction: September 2016

Project Contact

Dave Ruby
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370

Parrotts Ferry Reconstruction

Project No. 1686
Federal Project No. N/A

Description

The project consists of reconstructing the existing road surface by utilizing cold foam in-place recycling to a depth of 3 inches with a 1.8 inch hot mix asphalt (HMA) overlay. The work is from Broadway/Jackson Street to Marble Quarry Road (approximately 1.24 miles).

Purpose and Need

The current Pavement Condition Index (PCI) of the road is 14. A goal of the Board of Supervisors is to improve the transportation infrastructure by facilitating a pavement management program.

Strategic Plan Goals

2014-2015 Road Reconstruction Listing and Pavement Management Program (PMP)

Funding Sources

Regional Surface Transportation Program (RSTP) Exchange Funds - \$354,660,
County General Fund - \$79,835, Traffic Mitigation Fund - \$33,070

Total Project Cost: \$467,600

Current Phase

A call for bidders is in circulation and bids are due September 24, 2015.

Anticipated Year of Construction: October 2015

Project Contact

Dave Ruby
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370

Dodge Ridge Road Reconstruction

Project No. 1689
Federal Project No. N/A

Description

The project consists of reconstructing the existing road surface by utilizing cold foam in-place recycling to a depth of 3 inches with a 1.8 inch hot mix asphalt (HMA) overlay. The work is approximately 0.47 miles and area is to be determined by the Board of Supervisors.

Purpose and Need

The current Pavement Condition Index (PCI) of the road is 29. A goal of the Board of Supervisors is to improve the transportation infrastructure by facilitating a pavement management program.

Strategic Plan Goals

Pavement Management Program (PMP)

Funding Sources

Regional Surface Transportation Program (RSTP) Exchange Funds - \$171,229

Total Project Cost: \$171,299

Current Phase

The Board of Supervisors awarded the construction contract to George Reed, Inc. on September 15, 2015.

Anticipated Year of Construction: October 2015

Project Contact

Denise Zitnik
County Project Engineer
(209) 533-5633
2 S. Green Street
Sonora, CA 95370

Special Districts Pavement 2016

Project No. 1677
Federal Project No. N/A

Description

Microsurfacing treatment on various County Service Area (CSA) and Permanent Road Division (PRD) roads. Tentative list includes CSA 10 Monte Grande Heights, CSA 20 Cedar Ridge, CSA 28 Rough and Ready, CSA 32 Ridgewood, CSA 47 Cherry Valley, CSA 48 Sonora Vista Estates, CSA 53 Whispering Woods, CSA 56 Mill Villa Manor, CSA 59 Mountain Vista, CSA 62 Sierra Meadows, and PRD 3 Apple Valley Unit 3.

Purpose and Need

Maintenance for all CSA and PRD roads is scheduled based off a 20 Year Road Maintenance Plan prescribed in each special district's Engineers Report. The planned microsurfacing is a preventative maintenance measure that extends the life of a road surface.

Strategic Plan Goals

CSA and PRD Pavement Maintenance

Funding Sources

Various CSAs and PRDs

Total Project Cost: \$760,082

Current Phase

This project is currently in the preliminary engineering phase.

Anticipated Year of Construction: June 2016